

6/1/2018

Print

Purchasing Receipts



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Agin Day
PO039983	ACI001-VC	1	1	Net 30	M304B0.750X0.750	304 Bar 0.750 X 0.750" : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft				12	6/5/2018	10		S076992	Stock	5/31/2018	\$ 0.14 / ft	
		2			M6061T6R7.000	6061-T6 Round Bar 7.000" (CUT TO SIZE: 7.125") : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft				4		6		S076993	Stock	5/31/2018	\$ 182.45 / ft	
		3			M6061T6R0.500	6061-T6 Round Bar .500" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft				20		20		S076994	Stock	5/31/2018	\$ 0.84 / ft	
		4			M6061T6R3.000	6061-T6 Round Bar 3.000" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QC-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft				12		12		S076995	Stock	5/31/2018	\$ 29.98 / ft	
		5			M6061T6S.063	6061-T6 .063 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf				192		192		S076996	Stock	5/31/2018	\$ 5.64 / sf	
		6			MT-HRS-P-0.125	Hot Rolled Steel Plate 0.125" (44W) MATERIAL: HOT ROLLED STEEL PLATE ASTM A36 OR ASTM A1011 OR 44W OR ASTM A1018				16		16		S076997	Stock	5/31/2018	\$ 3.85 / ft	
Total:										256		256						

Plex 6/1/2018 8:19 AM Dart Dubois.Pascal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039983**

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO039983

PO Date: 5/24/18

Due Date: 5/29/18

Purchase Order
Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
MAY 25 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments: quote no. sou0107444

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M304B0.750X0.750		304 Bar 0.750 X 0.750" : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	5/29/18	12 ft	0 ft	12 ft	\$10.138333/ft	\$121.66
2	M6061T6R7.000		6061-T6 Round Bar 7.000" (CUT TO SIZE: 7.125") : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	5/29/18	3.563 ft	0 ft	4 ft	\$182.45333/ft	\$650.08
Line Item Note 6 pcs cut to 7.125"										
3	M6061T6R0.500		6061-T6 Round Bar .500" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	5/29/18	20 ft	0 ft	20 ft	\$0.836/ft	\$16.72

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	M6061T6R3.000		6061-T6 Round Bar 3.000" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	5/29/18	12 ft	0 ft	12 ft	\$29.975833/ft	\$359.71
Line Item Note 2 pcs of 6 ft										
5	M6061T6S.063		6061-T6 .063 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	Firmed	5/29/18	192 sf	0 sf	192 sf	\$5.6397916/sf	\$1,082.84
Line Item Note 1 pcs of 4 ft x 4 ft										
6	MT-HRS-P-0.125		Hot Rolled Steel Plate 0.125" (44W) MATERIAL: HOT ROLLED STEEL PLATE ASTM A36 OR ASTM A1011 OR 44W OR ASTM A1018	Firmed	5/29/18	16 ft	0 ft	16 ft	\$3.8475/ft	\$61.56
Grand Total:									\$2,292.57	

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 5/25/18 10:02 AM dart.lavoie.chantal



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out

088-8

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088-8

DAS
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DELIVERY - CLIENT

CO00091602

ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CL10001056

Date

2018/05/25

Delivery date

2018/05/30

Your order N°

PO039983

Processed by

Eric Kaehlert

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

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Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
** TRANSIT ST-JEROME 28-05 **										
3 ROUND ALU 1/2 6061-T6 * RAL-12 1 X 20'	4.62	20.00	PL \$CLB		1 X 20'		20'			JUN 01 2018 DAS 11 9-89
4 ROUND ALU 3 6061-T6 * RAL-3 Heat : SXE162075 Heat : 34442 COUPE A LA SCIE SCIE 2 X 6'	99.65	12.00	PL \$CLB		2 X 6'		15'11" L 12'			JUN 01 2018 DAS 11 9-89

NIR : R-109516-6

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DELIVERY - CLIENT

CO00091602

ACIER OUELLETTE INC.
935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att: CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

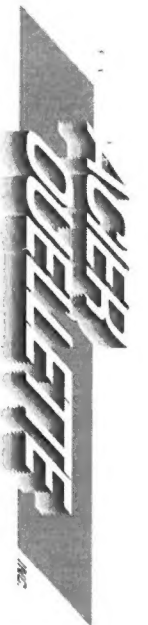
Delivery Route 5

Customer N° CL10001056
Date 2018/05/25
Delivery date **2018/05/30**
Your order N° PO039983
Processed by Eric Kaehlert
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme Net 30 Days
Page 3

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
LINE#4 5 ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175 6 X 4' X 8' LINE#5 ** TRANSIT ST-JEROME 28-05 ** Heat : 01-0072091-5 PALLET EMB 11 <i>Palette 4'x8' Pic</i>	172.99	192.00	PI2_\$CLB				② 192.00 6'x8'				JUN 01 2018 DAS 11 9-80

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

CO00091602

ACIER OUELLETTE INC.

935, Boul. du Hâve
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CL10001056

Date

2018/05/25

Delivery date

2018/05/30

Your order N°

PO039983

Processed by

Eric Kaehliert

Salesman

OUELLETTE VALLEYFIELD

Carrier

Net 30 Days

Credit Terme

4

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.

HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Page

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Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
6 HR SHEET 11G RANDOM FEH-11G-V 2989 1 X 4' X 4' LINE#6 Heat : 9966C4-51	80.00	16.00	PI2_\$CLB		1X 4x4		16 m2				JUN 01 2018 DAS 11 9-89

Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total Weight (Lbs) : 564.94

NIR : R-109516-6

Total (\$CAD)

Prepared By :

Verified By :

Delivered By :

Time

Customer's Signature

Date

91602
8708

KAISER ALUMINUM

FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

CUSTOMER PO NUMBER: 5400389670-2		CUSTOMER PART NUMBER: ALRD00065		PRODUCT DESCRIPTION: KAISERSELECT PRECISION ROD 7.000 +/- .022	
KAISER ORDER NUMBER: 6048773	LINE ITEM: 002	SHIP DATE: 03/02/2018	KAISER LOT NUMBER: Z00025403	ALLOY: 6061	TEMPER: T6511B
WEIGHT SHIPPED: 2172.000 LB	QUANTITY: 4.000 PCS	B/L NUMBER: 622001	DIAM/DAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: 			SOLD TO: 		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00025403	0001	0001	59.2	55.3	11.7	RE 93	N/A	N/A
Z00025403	0002	0001	59.0	55.6	11.5	RE 94	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
108272	.75	.27	.27	.09	.94	.09	.04	.02	.00	.00	.00	.01	.03

Applicable Requirements:

PER ASTM-B221-14, STENCILED ASME-SB221 2009 SECT II PER AMS-QQ-A-200/8A UNS# A96061
MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL
PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION = 10.0% MIN

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY
OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been
inspected and tested and found in conformance with applicable specifications forming a part of the
description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on
Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00324119
Kaiser Order Number: 6048773
Line Item: 002

AC 14101

5127

RAL-12-V

TRA 1723
491048

GLOBAL VIETNAM ALUMINIUM COMPANY LIMITED

Address: My Xuan B1-Conco Industrial zone, My Xuan town, Tan Thanh district,
Ba Rin-Vung Tau province, Viet Nam
Tel: +84(0)643924954
Fax: +84(0)643924953

MILL TEST CERTIFICATE

Date: January 19, 2017

PO number: 16-P-421
Customer PO: Inventory
Shipping Ref No.: 17-0046
LC No.: DC HMN710232
Date of Issue: January 18, 2017
Item Code: 1042803

Die Number: D00324
Alloy & Temper: 6061-T6

Production Description: Round Bar 0.5"x 20' 6061-T6 D00324

Length (inch): 240

Bundle number: 16-P-421-067, 16-P-421-066, 16-P-421-065, 16-P-421-068

Heat Number: SXF162075

Date: 05/01/2017

Applicable Specifications: ASTM B221 STANDARDS

CHEMICAL ANALYSIS: %

Si	Mg	Fe	Cu	Mn	Cr	Zn	Ti	Al	Other		Remarks
									EACH	TOTAL	
0.645	0.930	0.227	0.246	0.022	0.088	0.013	0.018	98.719	<0.05	<0.10	02/01/2017

MECHANICAL ANALYSIS:

Ult. Strength (ksi)	Yield Strength (ksi)	Elongation % LN 2"	Remarks
38.6	35.6	10.4	02/01/2017

All profiles, each profile with each MTC, showing material shipped match aluminium alloy as per standard, with chemical analysis and mechanical analysis to match aluminium alloy standard.

We hereby certify that the item listed have been checked and tested in accordance with the specifications noted and have been found to meet all the applicable requirements. Certifications are kept on file for 36 months from the date of purchase and are available for review upon request, referring to ASTM and the PO number.

Quality Manager



GLOBAL VIETNAM ALUMINIUM COMPANY LIMITED
17/01/2017

#5101 KAL-5-V 7K4-210

MILL TEST

RAL 3

49673

BILL TO		CERT CODE:		DIE NUMBER		DATE OF SHIPMENT		MANIFEST NO.	
SHIP TO ACIER OUELLETTE		CUSTOMER PO 101434		S 4665		Nov/03/2016		198958 - 2 359787	
SO DESCRIPTION 3" ROD		CUSTOMER PART NUMBER S004665		ALLOY 6061		TEMPER T6		SALESMAN HOUSE ACCOUNTS	
				PART DESCRIPTION 3" ROD				CERTIFICATION MILL TEST ASTM B221-14	

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.11	6061	Nov/01/2016	51.50	42.90	14.50	86.1,86.7,87.8	

Chemical Composition

Chemical	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Ca	Al	Other
34442	A.11	6061	0.56	0.179	0.22	0.0568	0.862	0.0595	0	0.01	0.0125	0	0	0	0	0	0	0	0	0	0	0

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.



David Natale
Quality Control Manager

91602

3175

AMAG

Abnahmeprüfzeugnis 3.1 (EN 10204) Inspection certificate - mill certificate

Nr.: 85150377

01 / 4

Rev.: 0

Seite / page:

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Zertifiziert nach / certified in ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Datum / date:

2015 11 10

Auftraggeber / customer:	Bestell Nr. / order no.:	C 70532
	Datum / date:	2015 05 20
Warenempfänger / consignee:	Auftragsbest. Nr. / order confirm no.:	693391
	Datum / date:	2015 05 21
	Lieferschein Nr. / delivery note:	85150377
	Datum / date:	2015 11 30

Produkt / product	Bedingungen / terms
Form / form: Sheet Werkstoff / material: 6061 Zustand / temper: T6 Dim. / dim.: [inch]: 0,063x43,00x96,00	Technische Lieferbedingungen / techn. spec.: AMS-QQ-A-250/11, 08.1997 ASTM B 209 - 14 AMS 4027N, 07.2008 Cessna CMMP019, Rev. D, 09-07-01 Cessna CMMP025, Rev. V, 2-20-15 Sondervorschrift / special terms:

AB-Pos. ord.-item.	BNr/Los/Teillos Lot/No./Part	Guss-Nr. cast no.	Werkstoff material	Konto package	Gewicht netto weight net	Stk. pcs.
06	61011/01/00	01/0072091/5	6061	6933910027	2409,612 lbs	85
06	61011/01/00	01/0072091/5	6061	6933910028	2414,021 lbs	85
06	61011/01/00	01/0072091/5	6061	6933910029	2414,021 lbs	85
06	61011/01/00	01/0072091/5	6061	6933910030	2414,021 lbs	85
06	61011/01/00	01/0072091/5	6061	6933910031	2416,226 lbs	85
06	61011/01/00	01/0072091/5	6061	6933910032	2416,226 lbs	85
06	61011/01/00	01/0072091/5	6061	6933910033	1560,847 lbs	55

Chemische Zusammensetzung (% Gewichtsanteile) / Chemical composition (% weight proportion (OES))											
Guss-Nr. / cast no.	material	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
01/0072091/5	6061										
	spec. min.	0.40	-	0.15	-	0.80	0.04	-	-	-	-
	spec. max.	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	0.05	0.15
	actual	0.66	0.44	0.24	0.12	0.88	0.18	0.06	0.03	0.02	0.03

Zugprüfung LT / tensile test LT								
BNr/Los	Zustand	Richtung	Tests		UTS	YS	AZ	
Lot/No.	temper	direction			[ksi]	[ksi]	[%]	
				spec.min.	42,0	35,0	10	
				spec.max.	-	-	-	
61011/01	T6	LT	8	from	48,6	42,4	13	
61011/01	T6	LT		to	49,0	42,9	15	



Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate - mill certificate

Nr.: 85150377

01 / 4

Rev.: 0

Seite / page:

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Datum / date:

2015 11 10

Zertifiziert nach / certified to: ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Sonstige Prüfungen / other tests

Biegeversuch: OK. / Transverse bend test: OK

Maßkontrolle: OK. / Dimensional Check: OK.

Oberfläche: OK. / Surface inspection: OK.

Bemerkungen / notes

Die Dimensionstoleranzen entsprechen ANSI XXX /
As standard, dimensional tolerances are to ANSI XXX

Ausgestellt nach Airbus Zulassung Nr. 30272.

Wir bestätigen, dass die gesamte Lieferung unter Einhaltung und soweit oben nicht anders dargelegt aller Forderungen (Spezifikationen, Zeichnungen, Aufträge) hergestellt und geprüft wurde.

Das Qualitätsmanagementsystem erfüllt die Anforderungen der AUK/SA/001-3.

Hergestellt, kontrolliert und geprüft nach Hawker Beechcraft HBIFSAS/PART3/0771

Agusta Westland Genehmigung Lieferantenummer V21275

Issued under Airbus Approval No. 30272.

Certified that the whole of the supplies detailed hereon have been manufactured, inspected, tested and unless otherwise stated above conform in all respects to the Specifications, Drawings and Contract.

Order relevant thereto The Quality Management System arrangements in respect of these supplies comply with the requirements of AUK/SA/001-3.

Manufactured, inspected and tested according Hawker Beechcraft HBIFSAS/PART3/0771

Agusta Westland approval supplier code V21275

Es wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Bestellung entspricht.

We hereby certify that the material described above has been tested and complies with the terms of the order contract.

Werkstattsvorstandiger / factory specialist

E-Mail / e-mail

Klampfer Josef

josef.klampfer@amag.at

Herstellerland: Österreich / goods origin: The goods are of Austrian origin.

Maschine erstellt - Gültig ohne Unterschrift / Automated - valid without being signed.



ESSAR STEEL

ESSAR STEEL ALGOMA INC., 105 West Street, Sault Ste. Marie, Ontario, Canada P6A 7B4

TR4 - 1886

#2988

FEH-116612

49835

SO No, Item & Date: 8063352 000210 2017/06/21		Shipment No. & Date: 1000245584 2017/06/23		TC No., Date & Time: ESA-410651 2017/06/23 - 16:40:44											
Sold to Customer Name and Address: LES ACIER TRANSBEC (1987) LTEE BOUL. LE CORBUSIER #201-4054 LAVAL, Quebec, Canada		Ship to Customer Name and Address: LES ACIER TRANSBEC (1987) LTEE RUE JEAN COUTU 360 VARENNES, Quebec, Canada		Customer PO NO./Item: G-48234 / 21 BOL. NO.: 1000245584 Cust Part No.: LSI TRANSPORT INC - 834AB (99142)											
Customer Specification: HR STEEL SHEET Carbon CQ, CSA ASTM A1011 C6 TYP B (2016) Top Semi Critical Surface Improved Shape Gauge type MIN - 0/+ 0.0117 ° Coil break considered															
Supplementary Instructions: Test Cert 1: milcollex.ca Test Cert 2: nathalie.legault@aciertransbec.com															
Imp Tr: Chemical Analysis															
ESSAR STEEL, ALGOMA INC. HEREBY CERTIFIES THAT THE MATERIAL HEREIN DESCRIBED WAS MADE AND TESTED IN ACCORDANCE WITH THE RULES OF THE SPECIFICATION SHOWN. ALL RESULTS ARE RETAINED IN ACCORDANCE WITH THE COMPANY'S STANDARD RECORD KEEPING PRACTICES. THIS MATERIAL TEST REPORT MAY NOT BE REPRODUCED EXCEPT IN FULL WITHOUT WRITTEN APPROVAL OF ESSAR STEEL, ALGOMA INC. IF YOU RECEIVE THIS DOCUMENT AND ARE NOT THE INTENDED RECIPIENT, PLEASE CALL (709) 946-0983 FOR INSTRUCTIONS ON METHOD OF DISPOSAL OF DOCUMENT. THIS TEST REPORT HAS BEEN GENERATED BY A COMPUTERIZED SYSTEM AND IS VALID WITHOUT A PHYSICAL SIGNATURE.															
MEETS EN 10204 3.1 ISO QUALITY AND ENVIRONMENTAL CERTIFICATES AVAILABLE AT WWW.ALGOMA.COM															
ALL HEATS FULLY KILLED. HEATS INDICATED WITH (*) FINE GRAINED. HEATS INDICATED WITH (H) Labeled in Canada for NARFA duty preference and NARFA marking purposes															
Dimensions (L x W x H) 0.150" x 72.000"		Batch No. TQ12801	Heat No.-MS 9968C4-51	Quantity 47,400 LB	Pcs 1										
CHEMICAL PROPERTIES															
Heat No. (MS)	C	Mn	P	S	Si	Cr	Ni	Co	Mo	Al	Nb	V	B	Ti	N
9968C4*	0.06	0.38	0.009	0.008	0.020	0.03	0.02	0.03	0.01	0.024	0.000	0.000	0.0000	0.001	0.0049

Duelete

KASHIF RISHWAN
MANAGER METALLURGICAL SERVICES

"WARNING" THE TEST RESULTS AND VALUES REPORTED HEREIN INDICATE ONLY THAT (1) THE PARTICULAR STEEL FOR WHICH THIS CERTIFICATE IS ISSUED MEETS THE MINIMUM SPECIFIED YIELD STRENGTH AND (2) THE MECHANICAL PROPERTIES OF SUCH STEEL ARE IN CONFORMANCE WITH THE REQUIREMENTS OF THE SPECIFICATION INDICATED. THE RESULTS OR VALUES REPORTED HEREIN CAN NOT BE USED TO QUALIFY THE STEEL FOR ANY SPECIFICATION OTHER THAN THE ONE INDICATED AND CANNOT BE RELIED UPON FOR ANY PURPOSE. PROCEEDING DEPEND ON CALCULATIONS AS REPRESENTING THE ACTUAL STRENGTH OF SUCH STEEL.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-HRS-PO-125
DATE: JUN 01 2018

PO / BATCH NO.: 039983/5076997

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 16 p/z
QUANTITY INSPECTED: 16 p/z
QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.125
THICKNESS RECEIVED: 0.125
SHEET SIZE ORDERED: 4x4
SHEET SIZE RECEIVED: 4x4

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Astm A1011</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Heat # 9966C4-51</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 JUN 01 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

1 2 3 4 5 6 7 8

REV	DESCRIPTION	ECN #	DATE	BY	APPROVED
B	REMOVED LENGTH AND WIDTH DIMENSIONS	17-675	2/6/09/2017	SAC	WM

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL:

SPECIFICATION:

PART NUMBER:

EXAMPLE:

HOT ROLLED STEEL PLATE

ASTM A36 OR ASTM A1011 OR 44W OR ASTM A1018

MT-HRS-P-[T.TTT]

WHERE T.TTT IS PLATE THICKNESS IN INCHES

MT-HRS-P-0.750

TOLERANCES PER MANUFACTURER SPECIFICATIONS

DART AEROSPACE		HAWKSBURY DRIVE, CHAMPAIGN, IL 61821	
TITLE: HOT ROLLED STEEL PLATE			
DWG NO.	REV	REV	
	B	B	
DESIGN BY:	SAC 9/8/2017	DATE:	9/8/2017
DRAWN BY:	SAC 09/22/2017	CHECKED:	VAL 09/27/2017
DATE:	09/27/2017	DATE:	09/27/2017
SCALE:	NTS	WEIGHT:	N/A
SHEET 1 OF 1			
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6S:063
 DATE: JUN 01 2018

PO / BATCH NO.: 039983/5076996

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 192P¹²
 QUANTITY INSPECTED: 192P¹²
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .063
 THICKNESS RECEIVED: .063
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	N	AMS-QQ-A-250/11
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	Heat # 01-0072091-5
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-01 JUN 01 2018</u>	SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: 6061-T6/7050-T651 ALUMINUM SHEET OR PLATE
SPECIFICATION: QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS-4025 OR 4027
OR ASTM B209

△ PART NUMBER: M6061T6S | XXX | X | W.WWWW |
THK | WIDTH |

WHERE "XXX" = THICKNESS (IN INCHES)
AND "W.WWWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)
EG. 0.063" THICK SHEET = M6061T6S.063
EG. 3.5" WIDE BY 0.500" THICK PLATE = M6061T6S.500X3.500

△ PREFERRED SIZE: .XXX BY 4 FT BY 8 FT FOR SHEET

C	ADD PLATE AND T651 SPEC	ML	17.12.13
B	REFORMAT DWG. ADD B208 SPEC (ZN D8-1), REF PAR 08-020A	CP	08.07.13
A	NEW ISSUE	RF	01.08.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	ML		
CHECKED	NO		
MFG. APPR.	JFS		
APPROVED	HS		
DE APPR.	CP		
DATE	17.12.13		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

REV. C
DRAWING NO. M6061T6S
SHEET 1 OF 1
SCALE
6061-T6 SHEET/PLATE SPEC NTS

DATE 17.12.13

APPROVED

2018 MAR 13
EJ 18-665

RELEASED

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 46061+6R3.000
 DATE: JUN 01 2018

PO / BATCH NO.: 039983/5076895

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 121
 QUANTITY INSPECTED: 121
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 3.000
 THICKNESS RECEIVED: 3.000
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	N	<u>Aston B221</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	<u>Heat# 34442</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 JUN 01 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR

SPECIFICATION:
QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
CP QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6R1D.DDD | DIA. 

WHERE "D.DDD" = DIAMETER IN INCHES
EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED
R 2009-09-09
ND

B	REFORMAT DWG. ADD B211 & B221 SPEC (ZN D8-1).	CP	09 07 13
A	NEW ISSUE	DS	01 06 08
REV	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MEG. APPR			
APPROVED			
DE APPR			
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M6061T6R			
SHEET 1 OF 1			
TITLE			
6061-T6 ROUND BAR			
SCALE			
NTS			
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061+6R0.500
 DATE: JUN 01 2018

PO / BATCH NO.: 039983/50769941

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 20!
 QUANTITY INSPECTED: 20!
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500
 THICKNESS RECEIVED: 0.500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	<u>Astm B221</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	<u>Heat # 5xP162075</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u>	SIGNED OFF BY: _____
DATE: <u>9-89 JUN 01 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 QQ-A-200/8

PART NUMBER: M6061T6R1D.DDD
DIA.

WHERE "D.DDD" = DIAMETER IN INCHES
EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED
2009-09-09
NP

B	REFORMAT DWG. ADD B211 & B221 SPEC (ZN D8-1).	CP	09.07.13
A	REF PAR 08-020A	DS	01.06.08
REV	NEW ISSUE	BY	DATE
DESIGN	DART AEROSPACE LTD		
DRAWN	HAWKESBURY, ONTARIO, CANADA		
CHECKED	DRAWING NO.	REV. B	
MFG APPR	M6061T6R	SHEET 1 OF 1	
APPROVED	TITLE	SCALE	
DE APPR.	6061-T6 ROUND BAR	NTS	
DATE	09.07.13	COPYRIGHT © 2001 BY DART AEROSPACE LTD	

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6R7.000
 DATE: JUN 01 2018

PO / BATCH NO.: 039983/5076493

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 6 Pcs
 QUANTITY INSPECTED: 6 Pcs
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.000
 THICKNESS RECEIVED: 2.000
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	Aston B221
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	Hard # 200025403
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>11 JUN 01 2018</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6510/T6510/T6511/T62 ALUMINUM ROUND BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6R1D.DDD

DIA.

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED
R 2009-09-09
MP

B	REFORMAT DWG. ADD B211 & B221 SPEC (ZN D8-1).	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M6061T6R			
SHEET 1 OF 1			
TITLE 6061-T6 ROUND BAR			
SCALE NTS			
DATE 09.07.13			
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B0.750 X0.750

PO / BATCH NO.: 039983/5076992

DATE: JUN 01 2018

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 10'
 QUANTITY INSPECTED: 10'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.750
 THICKNESS RECEIVED: 0.750
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Astm A276</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Heat #56170431</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>JUN 01 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
(NOTE: AISI 303 NOT ACCEPTABLE)

△ SPECIFICATION: ASTM A276 OR ASTM A240

PART NUMBER: M304B | T.TTT | X | WWW.WWWW |
| THICK | | WIDTH |

WHERE "T.TTT" = THICKNESS IN INCHES
AND "WWW.WWWW" = WIDTH IN INCHES

△ EG. 0.5" x 3.0" BAR = M304B0.500X03.000
△ EG. 0.5" x 12.0" PLATE = M304B0.500X12.000

RELEASED
2010-11-30

C	ADDED PLATE TO PURCHASE MATERIAL. ADDED PLATE RELATED SPECIFICATIONS, AND EG. CHANGED TITLE FROM "304/316 BAR" TO "304/316 BAR/PLATE"	MB	10.11.25
B	REFORMAT DWG. ADD SPECS (ZN 06-1). REF PAR 08-020A	CP	09.07.15
A	NEW ISSUE	PH	05.08.10
REV.	DESCRIPTION	BY	DATE
DESIGN	PH		
DRAWN	LS		
CHECKED	PH		
MFG. APPR.	PH		
APPROVED	PH		
DE APPR.	PH		
DATE	10.11.25		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M304B		REV. C	
TITLE 304/316 BAR/PLATE		SHEET 1 OF 1	
SCALE		NTS	
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